Hexafluoropropylene (HFP)

Technical Information

Description and Uses

 $CF_2 = CFCF_3$

HFP is used in the manufacture of fluoropolymers and other specialty agrochemical and pharmaceutical applications.

Product Data*

| Chemical Name | 1-Propene, 1,1,2,3,3,3-Hexafluoro |
|-------------------------------|-----------------------------------|
| CAS Number | 116-15-4 |
| EC Number | 204-127-4 |
| Molecular Weight | 150 g/mol |
| Boiling Point at 1 atm | -29.4 °C (-20.9 °F) |
| Critical Temperature | 85.8 °C (186.4 °F) |
| Shipping UN Number | UN1858 |
| Vapor Pressure, 25 °C (77 °F) | 690 kPa (100 psia) |
| Liquid Density, 20 °C (68 °F) | 1332 kg/m³ (83.2 lb/ft³) |
| Flammability Limits | Nonflammable in air |
| TSCA-Reported/Included | Yes |
| Organic Purity—HFP | 99.9 mole % min. |

*This table gives typical properties. Chemours does not make any express or implied warranty that this product will continue to have these typical properties.

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